

Claims

What is claimed is:

Sub A⁷

1. A method for use in analyzing non-fully structured data which is associated with one or more events, the method comprising the steps of:

parsing at least a portion of the non-fully structured data according to one or more parsing rules to convert the at least a portion of non-fully structured data to structured data; and

providing presentation operations which include presenting at least a portion of the non-fully structured data and at least one of: (i) formatting at least a portion of the structured data to provide a graphical representation of the at least a portion of structured data, and (ii) formatting at least a portion of the structured data to provide a summary representation of the at least a portion of structured data.

2. The method of Claim 1, further comprising the step of providing coordinated views for at least two of the graphical representation, the summary representation and the non-fully structured data presentation.

3. The method of Claim 1, further comprising the step of modifying the one or more parsing rules to affect the parsing operation.

4. The method of Claim 1, further comprising the step of providing a rubber-banding operation in association with the graphical representation.

5. The method of Claim 1, further comprising the step of providing a zooming operation in association with the graphical representation.

6. The method of Claim 1, wherein the summary representation includes one or more attributes associated with the at least a portion of structured data.

1 7. The method of Claim 1, further comprising the step of providing a selection
2 operation in association with aspects of at least one of the non-fully structured data and the
3 structured data.

1 8. The method of Claim 1, further comprising the step of providing a filtering
2 operation in association with aspects of at least one of the non-fully structured data and the
3 structured data.

1 Sub A³ 7 9. A system for use in analyzing non-fully structured data which is associated with
2 one or more events, the system comprising:
3 a parsing engine which parses at least a portion of the non-fully structured data
4 according to one or more parsing rules to convert the at least a portion of non-fully structured
5 data to structured data;
6 viewers which respectively present at least a portion of the non-fully structured data
7 and perform at least one of: (i) formatting at least a portion of the structured data to provide
8 a graphical representation of the at least a portion of structured data, and (ii) formatting at
9 least a portion of the structured data to provide a summary representation of the at least a
10 portion of structured data; and
11 a selection and control engine coupled to the parsing engine and the viewers which
12 controls operations associated with the parsing engine and the viewers.

1 10. The system of Claim 9, wherein the operations controlled by the selection and
2 control engine include at least one of data and parsing rule access.

1 11. The system of Claim 9, wherein the operations controlled by the selection and
2 control engine include communications between the viewers.

Sub A⁴ 7

1 12. Apparatus for use in analyzing non-fully structured data which is associated with
2 one or more events, the apparatus comprising:

3 at least one processor operable to parse at least a portion of the non-fully structured
4 data according to one or more parsing rules to convert the at least a portion of non-fully
5 structured data to structured data, and operable to provide presentation operations which
6 include presenting at least a portion of the non-fully structured data and at least one of: (i)
7 formatting at least a portion of the structured data to provide a graphical representation of
8 the at least a portion of structured data, and (ii) formatting at least a portion of the structured
9 data to provide a summary representation of the at least a portion of structured data; and
10 memory coupled to the at least one processor for storing at least one of the non-fully
11 structured data, the structured data and the one or more parsing rules.

1 13. The apparatus of Claim 12, wherein the at least one processor is further operable
2 to provide coordinated views for at least two of the graphical representation, the summary
3 representation and the non-fully structured data presentation.

1 14. The apparatus of Claim 12, wherein the at least one processor is further operable
2 to modify the one or more parsing rules to affect the parsing operation.

1 15. The apparatus of Claim 12, wherein the at least one processor is further operable
2 to provide a rubber-banding operation in association with the graphical representation.

1 16. The apparatus of Claim 12, wherein the at least one processor is further operable
2 to provide a zooming operation in association with the graphical representation.

1 17. The apparatus of Claim 12, wherein the summary representation includes one or
2 more attributes associated with the at least a portion of structured data.

1 18. The apparatus of Claim 12, wherein the at least one processor is further operable
2 to provide a selection operation in association with aspects of at least one of the non-fully
3 structured data and the structured data.

1 19. The apparatus of Claim 12, wherein the at least one processor is further operable
2 to provide a filtering operation in association with aspects of at least one of the non-fully
3 structured data and the structured data.

1 ^{Sub A5} 20. An article of manufacture for use in analyzing non-fully structured data which
2 is associated with one or more events, comprising a machine readable medium containing
3 one or more programs which when executed implement the steps of:
4 parsing at least a portion of the non-fully structured data according to one or more
5 parsing rules to convert the at least a portion of non-fully structured data to structured data;
6 and
7 providing presentation operations which include presenting at least a portion of the
8 non-fully structured data and at least one of: (i) formatting at least a portion of the structured
9 data to provide a graphical representation of the at least a portion of structured data, and (ii)
10 formatting at least a portion of the structured data to provide a summary representation of
11 the at least a portion of structured data.